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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

DECEMBER 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

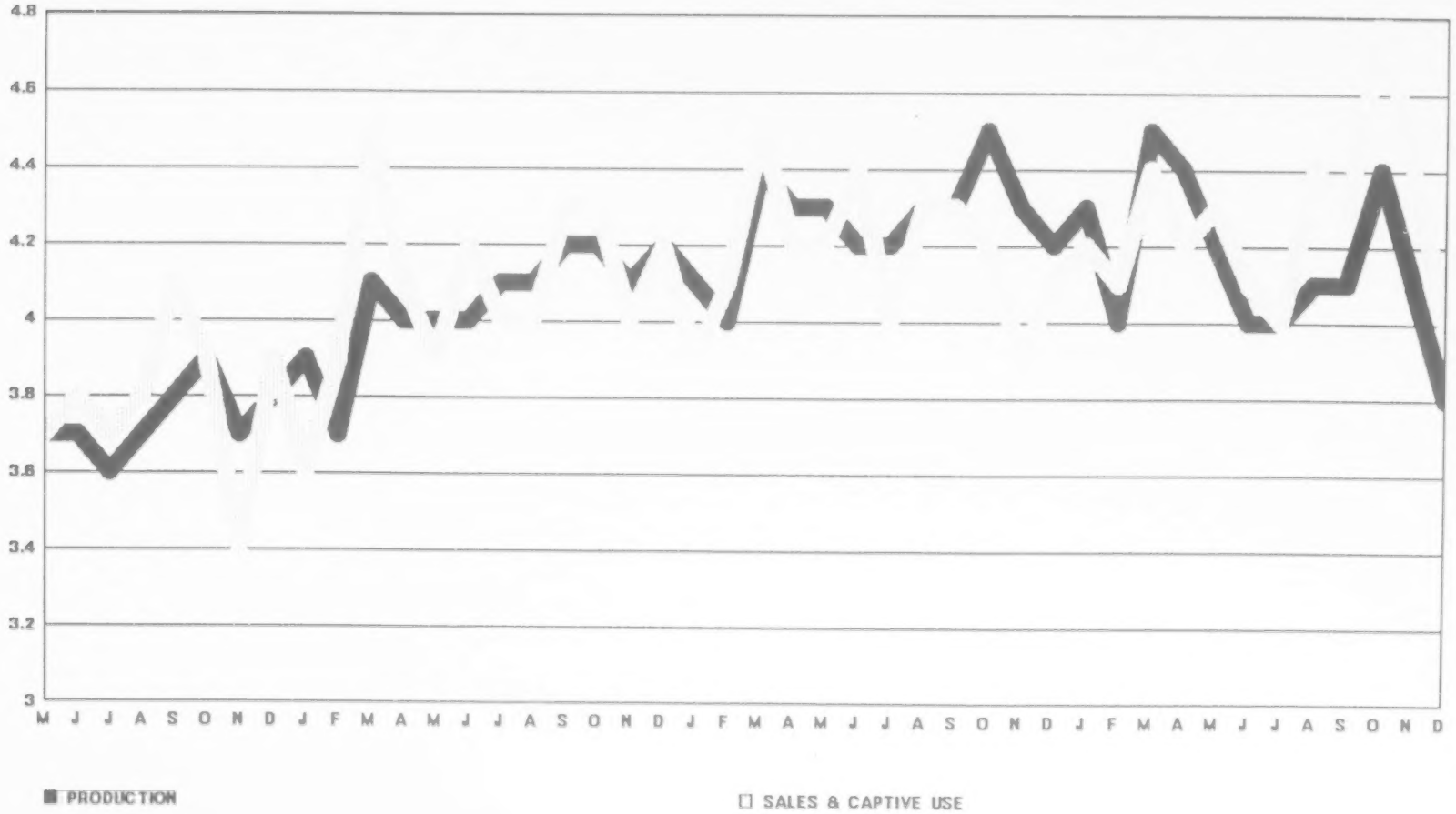
Release Date: FEBRUARY 16, 1990

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

DECEMBER 1989



SECTION I

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

DECEMBER 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	35,907	34,581	3.8	481,634	468,075	2.9	35,087	47,377	-25.9	509,438	485,999	4.8
POLYESTER (UNSATURATED) RESINS, TOTAL	82,492	93,734	-12.0	1,301,910	1,393,286	-6.6	85,294	96,412	-11.5	1,319,363 R	1,403,787	-6.0
UREA RESINS, TOTAL	118,334	113,953	3.8	1,458,027 R	1,349,805	8.0	119,969	114,687	4.6	1,469,347 R	1,425,262	3.1
MELAMINE RESINS, TOTAL	14,608	16,507	-11.5	220,183 R	202,483	8.7	16,826	15,883	5.9	229,479 R	206,418	11.2
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,995	275,878	-19.9	2,745,316 R	3,072,860	-10.7	221,258	273,372	-19.1	2,861,723	3,066,382	-6.7
THERMOSETTING RESINS, TOTAL	472,336	534,653	-11.7	6,207,070 R	6,486,509	-4.3	478,434	547,731	-12.7	6,389,350 R	6,587,848	-3.0
LOW-DENSITY POLYETHYLENE (0.940 & BELOW), TOTAL (6)	920,663	912,874	N/C	10,807,556	10,177,431	N/C	791,490	913,738	-13.4	9,728,410	10,397,388	-6.4
HIGH-DENSITY POLYETHYLENE (ABOVE 0.940), TOTAL	628,840	639,760	-1.7	8,219,462 R	8,084,190	1.7	580,311	685,019	-15.3	8,100,278 R	8,400,245	-3.6
POLYPROPYLENE, TOTAL	584,422	544,688	7.3	7,296,927	7,088,065	2.9	590,560	539,504	9.5	7,352,825	7,273,592	1.1
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,965	97,598	-15.0	1,216,865 R	1,279,008	-4.9	87,509	112,508	-22.2	1,249,150 R	1,276,435	-2.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7,583	10,845	-30.1	107,974	145,929	-26.0	7,881	10,936	-27.9	110,388 R	147,875	-25.4
POLYSTYRENE RESINS, TOTAL	355,384	366,428	-3.0	5,130,547 R	5,026,565	2.1	401,807	423,161	-5.0	5,102,530 R	5,187,017	-1.6
STYRENE BASED LATEXES, TOTAL ***	73,241	73,180	0.1	1,028,077	994,718	3.4	74,614	74,757	-0.2	994,056	956,311	3.9
OTHER STYRENICS, TOTAL *(40% or More Styrene)*	10,318	15,078	-31.6	151,993 R	181,177	-16.1	10,947	16,112	-32.1	136,799 R	185,151	-26.1
NYLON RESINS (6)	41,271	50,539	-18.3	580,486	574,346	1.1	41,262	51,349	-19.6	561,306	566,023	-0.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL *(Dry Resin content)*	625,555	688,793	-9.2	8,469,818	8,286,725	2.2	616,775	702,433	-12.2	8,487,726	8,350,067	1.6
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,601	16,945	3.9	200,527	208,059	-3.6	17,439	19,139	-8.9	219,873	221,693	-0.8
THERMOPLASTIC POLYESTER, TOTAL (6)	148,308	137,261	8.0	1,707,339	1,642,762	3.9	144,864	129,134	12.2	1,630,060	1,651,853	-1.3
THERMOPLASTIC RESINS, TOTAL	3,496,151	3,553,989	-1.6	44,917,571 R	43,688,975	2.8	3,365,459	3,677,790	-8.5	43,673,401 R	44,613,650	-2.1
GRAND TOTAL	3,968,487	4,088,642	-2.9	51,124,641 R	50,175,484	1.9	3,843,893	4,225,521	-9.0	50,062,751 R	51,201,498	-2.2

(1) = Except phenolic resins which are reported on a gross weight basis.

*** = Sales and Captive Use figures include some Canadian produced materials.

(2) = The publishing of PVAC has been suspended.

D = Disclosure.

R = Revision.

(3) = The publishing of PVOH data has been suspended.

(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene

(6) = Data Includes Sales from Imports.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	35,907	34,581	3.8	481,634	468,075	2.9	35,087	47,377	-25.9	509,438	485,999	4.8
Total Exports	8,713	5,287	64.8	86,033	92,259	-6.7						
Captive Use, Total	947	1,218	-22.2	17,784	15,150	17.4						
Domestic Sales, Total	26,247	28,076	-6.5	377,817	360,666	4.8						
Domestic Sales & Captive Use, Total	27,194	29,294	-7.2	395,601	375,816	5.3						
Bonding & Adhesives	1,841	1,952	-5.7	24,819	23,124	7.3						
Flooring, Paving & Exposed Aggregate	1,959	2,062	-5.0	24,744	25,334	-2.3						
Protective Coatings	13,822	14,155	-2.4	192,496 R	178,409	7.9						
Fiber Reinforced Lam. & Comp., Total	5,185	5,601	-7.4	82,699	82,566	0.2						
FRL&C for Printed Wiring Board	3,625	4,118	-12.0	56,766	56,489	0.5						
All Other FRL&C	1,560	1,483	5.2	25,933	26,077	-0.6						
Tooling, Casting & Molding Resins	2,024	2,319	-12.7	29,773	27,062	10.0						
All Other Uses	2,363	3,205	-26.3	41,070 R	39,321	4.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	82,492	93,734	-12.0	1,301,910	1,393,286	-6.6	85,294	96,412	-11.5	1,319,363 R	1,403,787	-6.0
Total Exports	1,350	1,725	-21.7	24,236	15,882	52.6						
Total Domestic	81,142	92,009	-11.8	1,277,674	1,377,404	-7.2						
General Purpose Resins, Total	69,014	78,938	-12.6	1,099,276	1,194,889	-8.0						
General Purpose - Thixotropic	27,168	35,327	-23.1	482,022	549,998	-12.4						
General Purpose - Press Molding	8,950	8,577	4.3	136,497	136,263	0.2						
General Purpose - All Other	32,896	35,034	-6.1	480,757	508,628	-5.5						
Flame Retardant Resins	2,142	1,813	18.1	24,354	28,119	-13.4						
Chemical Resistant Resins	9,986	11,258	-11.3	154,044	154,396	-0.2						
Chemical Resistant Isophthalic Resins	7,335	8,573	-14.4	115,649	113,856	1.6						
All Other Chemical Resistant Resins	2,651	2,685	1.3	38,395	40,540	-5.3						
Reinforced Plastics, Total	58,450	69,576	-16.0	949,829 R	1,049,621	-9.5						
Non-Reinforced Plastics, Total	22,692	22,433	1.2	327,845 R	327,783	0.0						

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R = REVISION

SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	118,334	113,953	3.8	1,458,027 R	1,349,805	8.0	119,969	114,687	4.6	1,469,347 R	1,425,262	3.1
MELAMINE RESINS, TOTAL	14,608	16,507	-11.5	220,183 R	202,483	8.7	16,826	15,883	5.9	229,479 R	206,418	11.2
UREA & MELAMINE RESINS, TOTAL	132,942	130,460	1.9	1,678,210 R	1,552,288	8.1	136,795	130,570	4.8	1,698,826 R	1,631,680	4.1
Total Exports	D1	D1		D1	D1							
Total Domestic	132,942	130,460	1.9	1,678,210 R	1,552,288	8.1						
Textile Treating & Coating Resins	1,668	1,786	-6.6	25,835	27,496	-6.0	3,257	2,714	20.0	34,094	35,190	-3.1
Paper Treating & Coating Resins	5,250	5,190	1.2	61,660 R	54,483	13.2	5,368	5,288	1.5	62,964 R	57,616	9.3
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	107,083	107,462	-0.4	1,344,210 R	1,244,246	8.0	107,075	107,348	-0.3	1,338,483 R	1,304,623	2.6
Laminating	3,955	3,607	9.6	72,683 R	42,189	72.3	3,788	3,055	24.0	62,776 R	39,740	58.0
Plywood	5,305	3,882	36.7	66,805 R	50,244	33.0	5,497	3,978	38.2	68,531 R	52,265	31.1
Fibrous & Granulated Wood (Particle Board)	97,823	99,973	-2.2	1,204,722	1,151,813	4.6	97,790	100,315	-2.5	1,213,176	1,212,618	0.0
Protective Coatings (Straight & Modified)	7,351	8,586	-14.4	108,233	110,943	-2.4	10,130	10,026	1.0	136,031	128,143	6.2
All Other Uses	11,590	7,436	55.9	138,272 R	115,120	20.1	10,965	5,194	111.1	127,254 R	106,108	19.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	220,995	275,878	-19.9	2,745,316 R	3,072,860	-10.7	221,258	273,372	-19.1	2,861,723	3,066,382	-6.7
Total Exports	2,127	1,935	9.9	19,712 R	22,210	-11.2						
Total Domestic	218,868	273,943	-20.1	2,725,604 R	3,050,650	-10.7						
Molding Compounds	13,024	14,213	-8.4	176,916 R	189,984	-6.9	11,763	14,483	-18.8	186,164	201,484	-7.6
Bonding & Adhesive Resins for:	202,946	250,787	-19.1	2,504,200	2,762,639	-9.4	207,704	249,652	-16.8	2,626,596	2,765,850	-5.0
Laminating	13,229	19,717	-32.9	215,450	216,881	-0.7	13,086	18,785	-30.3	215,419	213,128	1.1
Coated & Bonded Abrasives	2,492	2,154	15.7	23,942	22,577	6.0	3,710	2,163	71.5	26,814	22,711	18.1
Friction Materials	3,081	3,715	-17.1	41,251	37,979	8.6	2,353	3,496	-32.7	39,896	38,154	4.6
Insulation Materials	30,774	46,772	-34.2	414,899	503,372	-17.6	32,010	45,459	-29.6	414,386	499,912	-17.1
Foundry & Shell Molding	6,939	4,558	52.2	59,775	52,957	12.9	7,075	4,459	58.7	59,063	53,219	11.0
Plywood	114,452	141,695	-19.2	1,347,500	1,581,709	-14.8	114,382	142,266	-19.6	1,415,169	1,582,611	-10.6
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	1,232	1,502	-18.0	13,654	19,376	-29.5	1,992	2,802	-28.9	15,080	28,538	-47.2
All Other	30,747	30,674	0.2	387,729	327,788	18.3	33,096	30,222	9.5	440,769	327,577	34.6
Protective Coatings - Unmodified & Modified	910	1,764	-48.4	13,397	21,264	-37.0	696	1,760	-60.5	14,166	21,281	-33.4
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	1,988	7,179	-72.3	31,091	76,763	-59.5	1,095	7,477	-85.4	34,797	77,767	-55.3

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.
R = REVISION

(1) = Except phenolic resins which are reported on a gross weight basis.

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	920,663	912,874	N/C	10,807,556	10,177,431	N/C	866,902	N/A		10,508,417	N/A	
Total Imports							75,412	N/A		780,007	N/A	
Total Exports	124,963	66,217	88.7	1,115,586	906,029	23.1						
Total Domestic	795,700	846,657	N/C	9,691,970	9,271,402	N/C	791,490	913,738	-13.4	9,728,410	10,397,388	-6.4
Film (12 Mils & Below)	492,109	480,881	N/C	5,793,807	5,514,343	N/C						
Packaging Film	302,842	N/A		3,398,109	N/A							
Food Packaging Film	116,226	N/A		1,289,545	N/A							
Non-Food Packaging Film	143,794	N/A		1,628,634	N/A							
Shrink Film	13,875	N/A		148,408	N/A							
Stretch Film	28,947	N/A		331,522	N/A							
Non-Packaging Film	189,267	N/A		2,395,698	N/A							
Carry-Out Bags	27,656	N/A		361,923	N/A							
Trash and Can Liners	100,310	N/A		1,229,709	N/A							
Other Non-Packaging Film	61,301	N/A		804,066	N/A							
Sheet (Over 12 Mils)	7,535	D4		112,191	D4							
Injection Molding	75,364	85,368	N/C	872,776	757,690	N/C						
Injection Molded Lids	23,361	N/A		246,108	N/A							
Injection Molded Housewares	14,153	N/A		195,412	N/A							
Other Injection Molding	37,850	N/A		431,256	N/A							
Wire & Cable	20,579	32,717	N/C	369,285	386,324	N/C						
Extrusion Coating	64,653	66,900	N/C	726,776	769,416	N/C						
Blow Molding	6,884	6,399	N/C	90,423	75,835	N/C						
Pipe & Conduit, Total	4,625	3,832	N/C	65,327	63,307	N/C						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	8,386	14,016	N/C	103,925 R	180,354	N/C						
Rotomolding	20,879	N/A		233,404 R	N/A							
Resellers & Compounders, Total	58,173	76,304	N/C	703,348	610,777	N/C						
Resellers	39,019	N/A		507,290	N/A							
Compounders	19,154	N/A		196,058	N/A							
Adhesives and Sealants	8,110	N/A		111,751	N/A							
All Other Uses	28,403	80,240	N/C	508,957	913,356	N/C						

D4 = Disclosure: Included in Film.

(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

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SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS
DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	628,840	639,760	-1.7	8,219,462 R	8,084,190	1.7	580,311	685,019	-15.3	8,100,278 R	8,400,245	-3.6
Total Exports	76,293	50,896	49.9	920,535 R	648,938	41.9						
Total Domestic	552,547	588,864	-6.2	7,298,927 R	7,435,252	-1.8						
Film (12 Mils & Below)	76,615	58,756	30.4	771,967 R	735,647	4.9						
Packaging Film	26,490	N/A		219,239 R	N/A							
Food Packaging Film	15,282	N/A		159,842 R	N/A							
Non-Food Packaging Film	11,208	N/A		59,397 R	N/A							
Non-Packaging Film	50,125	N/A		552,728 R	N/A							
Carry-Out Bags	22,605	N/A		263,358 R	N/A							
Trash and Can Liners	D9	N/A		D9	N/A							
Other Non-Packaging Film	27,520	N/A		289,370 R	N/A							
Sheet (Over 12 Mils)	18,943	27,129	-30.2	303,915 R	281,736	7.9						
Injection Molding	101,121	119,450	-15.3	1,407,870 R	1,657,796	-15.1						
Injection Molded Industrial Pails	28,105	N/A		453,117 R	N/A							
Injection Molded Housewares	12,234	N/A		160,191 R	N/A							
Injection Molded Food Tubs and Containers	16,572	N/A		243,893 R	N/A							
Crates & Totes	13,179	N/A		170,547 R	N/A							
Other Injection Molding	31,031	N/A		380,122 R	N/A							
Wire & Cable	8,143	9,441	-13.7	140,454	125,400	12.0						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	202,066	224,506	-10.0	2,894,200 R	3,002,360	-3.6						
Motor Oil Bottles	14,034	N/A		224,279 R	N/A							
Liquid Food Bottles	72,581	N/A		902,898 R	N/A							
Household Chemical Bottles	70,006	N/A		900,898 R	N/A							
Large Containers	15,725	N/A		250,965 R	N/A							
Other Blow Molding	29,720	N/A		615,160 R	N/A							
Pipe & Conduit, Total	29,370	40,625	-27.7	485,779 R	537,429	-9.6						
Corrugated Pipe & Conduit	6,934	9,478	-26.8	94,815 R	116,481	-18.6						
Non-Corrugated Pipe & Conduit	22,436	31,147	-28.0	390,964 R	420,948	-7.1						
Other Extruded Products	4,906	3,266	50.2	67,120 R	86,829	-22.7						
Rotomolding	5,625	N/A		71,681 R	N/A							
Resellers & Compounders, Total	70,864	71,796	-1.3	792,682 R	645,593	22.8						
Resellers	63,281	N/A		689,046 R	N/A							
Compounders	7,583	N/A		103,636 R	N/A							
All Other Uses	34,894	33,895	2.9	363,259 R	362,462	0.2						

D5 = Disclosure: Included in Other Extruded Products.
D9 = Disclosure: Included in Other Non-Packaging Film.

N/A = Not Available.
R = REVISION

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SECTION I - THERMOPLASTIC RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	584,422	544,688	7.3	7,296,927	7,088,065	2.9	590,560	539,504	9.5	7,352,825	7,273,592	1.1
Total Exports	126,675	66,104	91.6	1,191,035	1,179,789	1.0						
Total Domestic	457,747	478,584	-4.4	6,105,892	5,908,276	3.3						
Injection Molding	126,430	131,075	-3.5	1,786,359	1,709,876	4.5						
Appliances	10,414	9,535	9.2	159,809	145,938	9.5						
Consumer Products	39,529	33,540	17.9	560,101	417,796	34.1						
Rigid Packaging	44,997	41,528	8.4	615,488	607,083	1.4						
Transportation	15,585	26,092	-40.3	270,944	312,753	-13.4						
All Other Injection Molding	15,905	20,380	-22.0	180,017	226,306	-20.5						
Blow Molding	9,815	9,226	6.4	129,095	131,502	-1.8						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	41,317	44,837	-7.9	571,821	585,924	-2.4						
Oriented Film	32,358	N/A		440,441	N/A							
Non-Oriented Film	8,959	N/A		131,380	N/A							
Sheet (Over 10 Mils)	10,903	11,487	-5.1	129,596	126,107	2.8						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	139,448	143,076	-2.5	1,964,606	1,841,303	6.7						
Textile Applications, Total	133,503	135,313	-1.3	1,864,472	1,736,195	7.4						
Nonwovens	49,096	N/A		536,722	N/A							
Monofilament and Multifilament Fibers	29,204	N/A		725,069	N/A							
Slit Film Fibers	55,203	N/A		602,681	N/A							
Non-Textile Monofilaments	5,945	7,763	-23.4	100,134	105,108	-4.7						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	5,989	6,999	-14.4	94,365	101,745	-7.3						
Resellers, Distributors, & Compounders, Total	120,805	122,963	-1.8	1,356,630	1,334,546	1.7						
Resellers & Distributors	82,617	94,243	-12.3	916,392	981,100	-6.6						
Compounders	38,188	28,720	33.0	440,238	353,446	24.6						
All Other Uses	3,040	8,921	-65.9	73,420	77,273	-5.0						

D5 = Disclosure: Included in Other Extruded Products.
N/A = Data not available.

D = Disclosure.
R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS(CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	355,384	366,428	-3.0	5,130,547 R	5,026,565	2.1	401,807	423,161	-5.0	5,102,530 R	5,187,017	-1.6
Straight Polystyrene	193,266	195,561	-1.2	2,759,395 R	2,689,628	2.6	212,228	230,863	-8.1	2,776,056 R	2,726,081	1.8
Rubber-Modified Polystyrene	162,118	170,867	-5.1	2,371,152 R	2,336,937	1.5	189,579	192,298	-1.4	2,326,474 R	2,460,936	-5.5
Exports Total	17,512	14,110	24.1	224,402 R	161,171	39.2						
Straight Polystyrene	9,279	7,424	25.0	123,217 R	115,137	7.0						
Rubber-Modified Polystyrene	8,233	6,686	23.1	101,185 R	46,034	119.8						
Domestic Total	337,872	352,318	-4.1	4,906,145 R	4,865,394	0.8						
Molding	141,640	135,526	4.5	2,007,478 R	1,849,436	8.5						
Extrusion	137,924	149,418	-7.7	2,054,561 R	2,179,449	-5.7						
Expandable Polystyrene Beads	45,202	49,033	-7.8	683,985 R	586,142	16.7						
Block	13,774	19,039	-27.7	262,405	276,638	-5.1						
Shape	9,090	11,058	-17.8	149,736	141,779	5.6						
Loose Fill	D6	D6		D6	D6							
Other EPS	22,338	18,936	18.0	271,844 R	167,725	62.1						
All Other Uses	13,106	18,341	-28.5	160,121 R	250,367	-36.0						
Polystyrene End Uses Total	337,872	352,318	-4.1	4,906,145 R	4,865,394	0.8						
Packaging	59,259	59,496	-0.4	904,918 R	975,506	-7.2						
Disposable Food Serviceware	66,554	67,274	-1.1	969,378 R	920,861	5.3						
Consumer and Inst. Products	39,407	51,169	-23.0	679,571 R	749,271	-9.3						
Electrical/Electronics	49,173	50,220	-2.1	647,613 R	572,313	13.2						
Furniture, Furn., Bulding & Const.	22,227	20,345	9.3	307,592 R	294,327	4.5						
Expandable Polystyrene Beads	45,202	49,033	-7.8	684,502 R	586,142	16.8						
Resellers and Compounders	36,861	35,351	4.3	526,076 R	498,239	5.6						
All Other End Uses	19,189	19,430	-1.2	186,495 R	268,735	-30.6						

D6 = Disclosure: Included in Other EPS.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	82,965	97,598	-15.0	1,216,865 R	1,279,008	-4.9	87,509	112,508	-28.1	1,249,150 R	1,276,435	-2.1
SAN (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	7,583	10,845	-30.1	107,974 R	145,929	-26.0	7,881	10,936	-27.9	110,388 R	147,875	-25.4
Total Exports	2,350	4,648	-49.4	32,577 R	55,369	-41.2						
Total Domestic	5,233	6,197	-15.6	75,397 R	90,560	-16.7						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	10,318	15,078	-31.6	151,993 R	181,177	-16.1	10,947	16,112	-32.1	136,799 R	185,151	-26.1
ABS, SAN, & OTHER STYRENICS, TOTAL	100,866	123,521	-18.3	1,476,832 R	1,606,114	-8.0	106,337	139,556	-23.8	1,496,337 R	1,609,461	-7.0
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	100,866	123,521	-18.3	1,476,832 R	1,606,114	-8.0						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	12,905	12,949	-0.3	142,428 R	147,589	-3.5						
Transportation	22,880	28,383	-19.4	375,789 R	355,543	5.7						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	65,081	82,189	-20.8	958,615 R	1,102,982	-13.1						
STYRENE BASED LATEXES, TOTAL ***	73,241	73,180	0.1	1,028,077	994,718	3.4	74,614	74,757	-0.2	994,056	956,311	3.9
Paper Treating	2,111	1,811	16.6	28,372	29,584	-4.1						
Textile Treating	760	694	9.5	11,082	11,343	-2.3						
Carpet Backing	28,162	26,466	6.4	382,736	379,156	0.9						
All Other Uses (Incl. Exports & Paper Coating)	42,208	44,209	-4.5	605,887	574,635	5.4						
NYLON RESINS, TOTAL (6)	41,271	50,539	-18.3	580,486	574,346	1.1	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	5,684	8,285	-31.4	77,328	79,466	-2.7						
Total Domestic	35,587	42,254	-15.8	503,158	494,880	1.7	41,262	51,349	-19.6	561,306	566,023	-0.8
Injection Molding Grade	22,030	25,797	-14.6	303,162	292,640	3.6						
Extrusion Grade	10,059	10,919	-7.9	148,402	148,225	0.1						
Resellers and Compounders	2,780	4,948	-43.8	37,767	39,544	-4.5						
All Other Uses	718	590	21.7	13,827	14,471	-4.5						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.
N.R.2 = Not Reported: Included in All Other.
*** = Styrene Based Latexes sales include some Canadian produced material.
(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
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(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	625,555	688,793	-9.2	8,469,818	8,286,725	2.2	616,775	702,433	-12.2	8,487,726	8,350,067	1.6
Homopolymer Resins Including Blending & Latex	566,651	630,646	-10.1	7,742,075	7,597,421	1.9	549,331	635,187	-13.5	7,744,696 R	7,654,301	1.2
Copolymer Resins Including Blending & Latex	17,196	18,295	-6.0	217,891	213,186	2.2	23,248	20,821	11.7	226,767 R	215,315	5.3
Dispersion	41,708	39,852	4.7	509,852	476,118	7.1	44,196	46,425	-4.8	516,263	480,451	7.5
Total Exports	91,130	56,248	62.0	913,123	516,510	76.8						
Total Domestic	534,425	632,545	-15.5	7,556,695	7,770,215	-2.7						
Calendering, Total	67,466	71,198	-5.2	910,155	856,459	6.3						
Flooring	18,641	16,171	15.3	219,586	204,683	7.3						
Textile	7,247	11,756	-38.4	115,565	128,490	-10.1						
All Other Calendering Uses	41,578	43,271	-3.9	575,004	523,286	9.9						
Coating, Total	26,324	29,078	-9.5	360,226	370,100	-2.7						
Flooring	11,236	11,878	-5.4	152,796	155,663	-1.8						
Textile & Paper Coating	8,445	9,238	-8.6	106,015	108,128	-2.0						
Protective Coating	3,673	4,097	-10.3	50,868	54,879	-7.3						
Adhesives & All Other Coating Uses	2,970	3,865	-23.2	50,547	51,430	-1.7						
Extrusion, Total	345,046	428,123	-19.4	5,042,851	5,248,164	-3.9						
Wire & Cable	28,704	36,663	-21.7	391,569	432,963	-9.6						
Film & Sheet, Packaging	22,561	28,602	-21.1	337,083	335,239	0.6						
Film & Sheet, Non-Packaging	1,831	3,545	-48.3	47,581	42,958	10.8						
Siding & Access., & Mobile Home Skirts	52,719	50,866	3.6	768,707	691,151	11.2						
Rigid Pipe & Tubing (Except Fittings)	203,100	267,897	-24.2	2,948,271	3,216,830	-8.3						
All Other Extrusions	36,131	40,550	-10.9	549,640	529,023	3.9						
Molding, Total	35,423	38,602	-8.2	516,740	544,131	-5.0						
Bottles	14,371	16,683	-13.9	215,959	214,869	0.5						
Fittings (Rigid Pipe & Tubing)	9,970	9,798	1.8	146,222	164,866	-11.3						
All Other Molding	11,082	12,121	-8.6	154,559	164,396	-6.0						
Paste Processes (Except Coating)	11,636	15,044	-22.7	173,660	167,671	3.6						
Plastisol Formulation	6,211	7,723	-19.6	93,766	86,653	8.2						
All Other	5,425	7,321	-25.9	79,894	81,018	-1.4						
Resellers and Compounders	24,276	34,381	-29.4	316,877	383,999	-17.5						
All Other Uses	24,254	16,119	50.5	236,186	199,691	18.3						

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R = REVISION

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

DECEMBER 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	DECEMBER			YEAR-TO-DATE			DECEMBER			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
Total Exports	D	D		D	D							
Total Domestic	D	D		D	D							
OTHER VINYL RESINS, TOTAL (4)	17,601	16,945	3.9	200,527	208,059	-3.6	17,439	19,139	-8.9	219,873	221,693	-0.8
Total Exports	5,386	5,286	1.9	70,569	65,881	7.1						
Total Domestic	12,215	11,659	4.8	129,958	142,178	-8.6						
THERMOPLASTIC POLYESTER, TOTAL (6)	148,308	137,261	8.0	1,707,339	1,642,762	3.9	144,864	129,134	12.2	1,630,060	1,651,853	-1.3
Total Exports	19,029	18,429	3.3	285,800	228,838	24.9						
Total Domestic	129,279	118,832	8.8	1,421,539	1,413,924	0.5						
PET Bottle Grades	91,118	73,361	24.2	958,264	942,353	1.7						
All Other Thermoplastic Polyester (5)	38,161	45,471	-16.1	463,275	471,571	-1.8						

(2) = The publishing of PVAC data has been suspended.
(3) = The publishing of PVOH data has been suspended.
(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
(5) = Includes all other PET and all injection molding grades.
(6) = 1989 Data Includes Sales from Imports.

D = Disclosure.
N/A = Not Available.

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ADVANCE COATING COMPANY		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CHEMICAL COMPANY							PDE							PDE					PDE
ALLIED-BENDIX CORPORATION					PD														
ALPHA CHEMICAL CORPORATION		PD																	
AMERICAN CYNAMID COMPANY				PDE															
AMERICAN HOECHST				PD	PD		PDE												PDE
AMERICAN POLYMERS, INC.											PD								
AMETEK, HAVEG DIVISION					PD														
AMOCO CHEMICAL CORPORATION								PDE			PDE								
ANDERSON DEVELOPMENT COMPANY													PD						
ARCO CHEMICAL CORPORATION											PDE		PDE						
ARISTECH CHEMCIAL COMPANY		PDE						PDE											
ASHLAND CHEMICAL COMPANY		PDE			PD														
ATOCHEM														PDE					
BASF CORPORATION									PDE		PDE		PD	PDEI					PDE
BASF CORPORATION												PD							
BASF COATINGS & COLORINGS, INMONT DIV.		PD			PD														
BELDING CHEMICAL INDUSTRIES														PDE					
BORDEN CHEMICAL COMPANY			PD	PD	PD										PDE				

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COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BTL CORPORATION			PDE	PDE	PDE														
CAIN CHEMICAL COMPANY							PDE												
CELANESE CHEMICAL COMPANY																D			
CERTAINTEED PRODUCTS CORPORATION															PD				
CHEMBOND CORPORATION			PD	PD	PD														
CHEVRON CHEMICAL CORPORATION						PDE	PDE				PDE								
CIBA-GEIGY CORPORATION	PDE																		
COOK PAINT & VARNISH		PD																	
CUSTOM RESINS, INC.														PD					
DAN RIVER																			
DART CONTAINER											PD								
GENCORP												PD							
DOW CHEMICAL USA	PDE	PDE				PDEI	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
DUPONT CANADA						DI													
E. I. DUPONT DE NEMOURS & COMPANY						PDE								PDEI			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE
EMSER INDUSTRIES														PDEI					
ESSO CHEMICAL CORPORATION						DI													
EXXON CHEMICAL AMERICAS						PDEI	PDE	PDE											
FINA OIL & CHEMICAL CORPORATION								PDE			PDE								
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						

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COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
FORMICA CORPORATION				PD	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
GENERAL ELECTRIC PLASTICS COMPANY									PDE	PD			PD						PDE
GENESIS POLYMERS								PDE											
GEORGIA-GULF CORPORATION															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD														
GLIDDEN COATINGS & RESINS		PD																	
B. F. GOODRICH CHEMICAL COMPANY										PDE					PDE				
GOODYEAR CHEMICAL DIVISION												PDE	PDE		PDE				PDE
W. R. GRACE & COMPANY									PD							D		PDE	
GRIFFTEX CHEMICAL COMPANY			PD	PD															
GUARDSMAN																			
HARBORCHEM, INC.			PD	PD															
HIMONT USA, INC.							PDE	PDE											
HOECHST-CELANESE ENGINEERING RESINS														PDE					PDE
HUNTSMAN CHEMICAL CORPORATION								PDE			PDE								
HYTEK	PDE		PD	PD															
ICI AMERICAS, INC.																			PD
INTERPLASTICS CORPORATION		PD																	
IRONSIDES COMPANY					PD														

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LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																	
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
KEYSOR-CENTURY CORPORATION															PD				
MASONITE CORPORATION					PD														
MOBAY CORPORATION														DEI					
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO COMPANY			PD	PD					PDE	PDE			PD	PDE		DE		PDE	
MORTON INDUSTRIES												PDE	PD					PDE	
NOVA CORPORATION						DI													
NYLON CORPORATION OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORPORATION					PDE										PDE				
OWENS-CORNING FIBERGLASS		PDE			PD														
PERKINS INDUSTRIES																			
PERSTORP COMPOUNDS, INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY						PDE	PDE	PDE											
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
NOVA PLASTICS, INC.											PDE								
QUANTUM CHEMICAL COMPANY						PDE	PDE	PDE								D			
RAYTECH INDUSTRIES, INC.																			
REICHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PDE				DE			
REXENE CORPORATION						PDE		PDE											

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COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SBL	OTHER SBP	NYLON	PVC	PVAC	PVOH	ORTHER VINYL	TPY
ROGERS CORPORATION	PDE				PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	
SCOTT POLYMERS											PD								
SEQUA CHEMICAL																DE			
SHAKESPEARE COMPANY														PDE					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHEREX POLYMERS		PD																	
SHINTECH, INC.															PDE				
SILMAR		PDE																	
SOLTEX POLYMERS						PDE	PDE	PDE											
STERLING ENGINEERED PRODUCTS		PD	PD	PD	PD														
UNION CARBIDE CORPORATION	PDE				PDE	PDEI	PDE												
UNION CHEMICAL												PD				D		PD	
VALCHEM			PD		PD														
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VISTA CHEMICAL COMPANY															PDE				
VYGEN CORPORATION															PDE				
WELLMAN, INC.														PDE					
WEST LAKE POLYMERS						PDE													

As Compiled by ERNST & YOUNG, ASSOCIATION SERVICES GROUP, Washington, D.C.

' SPI' "

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

NOVEMBER 1989

RESIN KIND	NOVEMBER				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	45.6	1.0	5.3	41.3	474.3	12.3	77.3	409.3	3.0
POLYESTER (UNSATURATED) RESINS, TOTAL	100.5	0.2	5.1	95.6	1,241.3	5.7	86.6	1,160.4	0.5
UREA RESINS, TOTAL	124.3	1.1	0.8	124.6	1,348.7 R	23.5	13.9	1,358.3	1.7
MELAMINE RESINS, TOTAL	17.6	0.7	0.9	17.4	212.1	5.2	11.5	205.8	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226.1	3.7	4.9	224.9	2,640.5 R	36.2	60.6	2,616.1	1.4
THERMOSETTING RESINS, TOTAL	514.1	6.7	17.0	503.8	5,[illegible]9 R	82.9	249.9	5,749.9	1.4
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	825.0	97.6	86.1	836.5	8,936.9	819.2	942.5	8,813.6	9.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	675.6	11.7	94.6	592.7	7,523.6	97.6	1,048.3	6,572.9	1.5
POLYPROPYLENE, TOTAL	577.1	2.3	137.3	442.1	6,762.3	44.6	1,283.3	5,523.6	0.8
ABS RESINS, TOTAL (ACRYLONITRILE-BUTADIENE-STYRENE)	71.3	5.6	10.1	66.8	1,175.3 R	62.4	114.5	1,123.2	5.6
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	6.3	0.7	2.8	4.2	104.7	5.9	73.2	37.4	15.8
OTHER STYRENICS	96.0	2.2	10.2	88.0	1,047.6	21.6	169.2	900.0	2.4
POLYSTYRENE RESINS, TOTAL	431.2	4.0	24.8	410.4	4,783.6	58.0	304.0	4,537.6	1.3
NYLON RESINS	42.9	5.0	9.4	38.5	520.0 R	53.3	160.3	413.0	12.9
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	740.3	3.2	82.9	660.6	7,871.0	50.9	713.3	7,208.6	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
THERMOPLASTIC POLYESTER, TOTAL	127.7	2.4	25.1	105.0	1,485.2 R	37.3	320.8	1,201.7	3.1
THERMOPLASTIC RESINS, TOTAL	3,593.4	134.7	483.3	3,244.8	40,210.2 R	1,250.8	5,129.4	36,331.6	3.4
GRAND TOTAL	4,107.5	141.4	500.3	3,748.6	46,127.1 R	1,333.7	5,379.3	42,081.5	3.2

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH data is temporarily suspended.
N/A = Not Available. The publishing of PVac and Other Vinyl resins is temporarily suspended.
D = Disclosure
R = Revision
Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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